

# Digital Trunked Radio Project Overview February 01, 2005

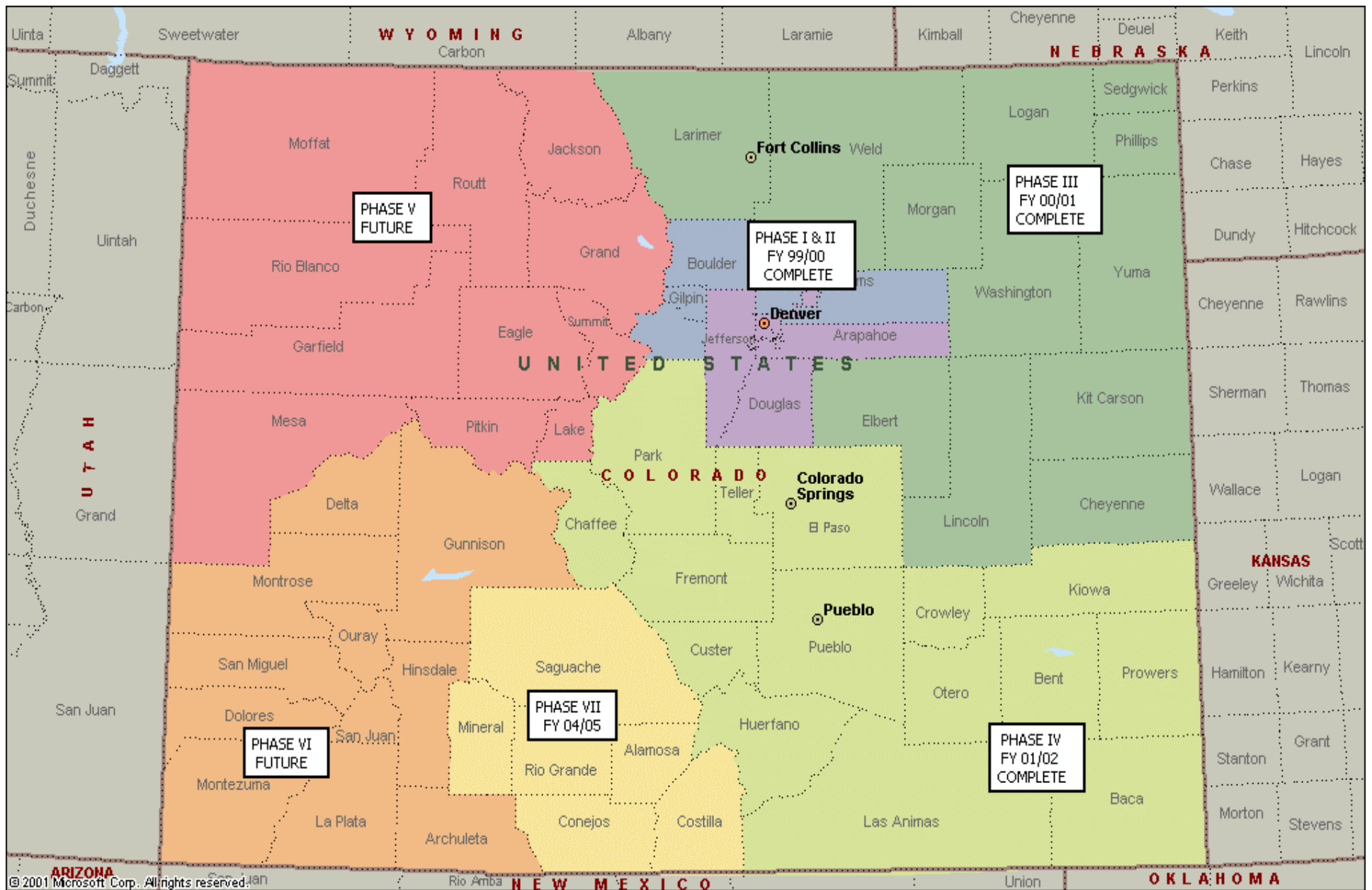
DTR is a continuation project envisioned in the early 1990's and begun in 1998 to replace multiple disparate wireless communications systems operated by State and local government agencies. The Division of Information Technologies has finished implementing five of seven phases of the Digital Trunked Radio (DTR) project. DTR is being planned and constructed through partnerships with local governments. It replaces obsolete radio systems operated by state agencies and will be available to all local governments that choose to participate in this new innovative technology.

DTR provides a seamless statewide wireless system that enables direct communications between agencies that absolutely must communicate during times of emergency. DTR supports wireless voice and in the future data communications on a single integrated system based upon the suite of open standards called Project 25. The main deliverables of DTR are the elimination of interoperability issues between Public Safety agencies and improved statewide wireless communication coverage in support of their mission to protect life and property. DTR has received funding through the "Public Safety Trust Fund" created by HB98-1068 and more recently through Homeland Security and Federal Grants.

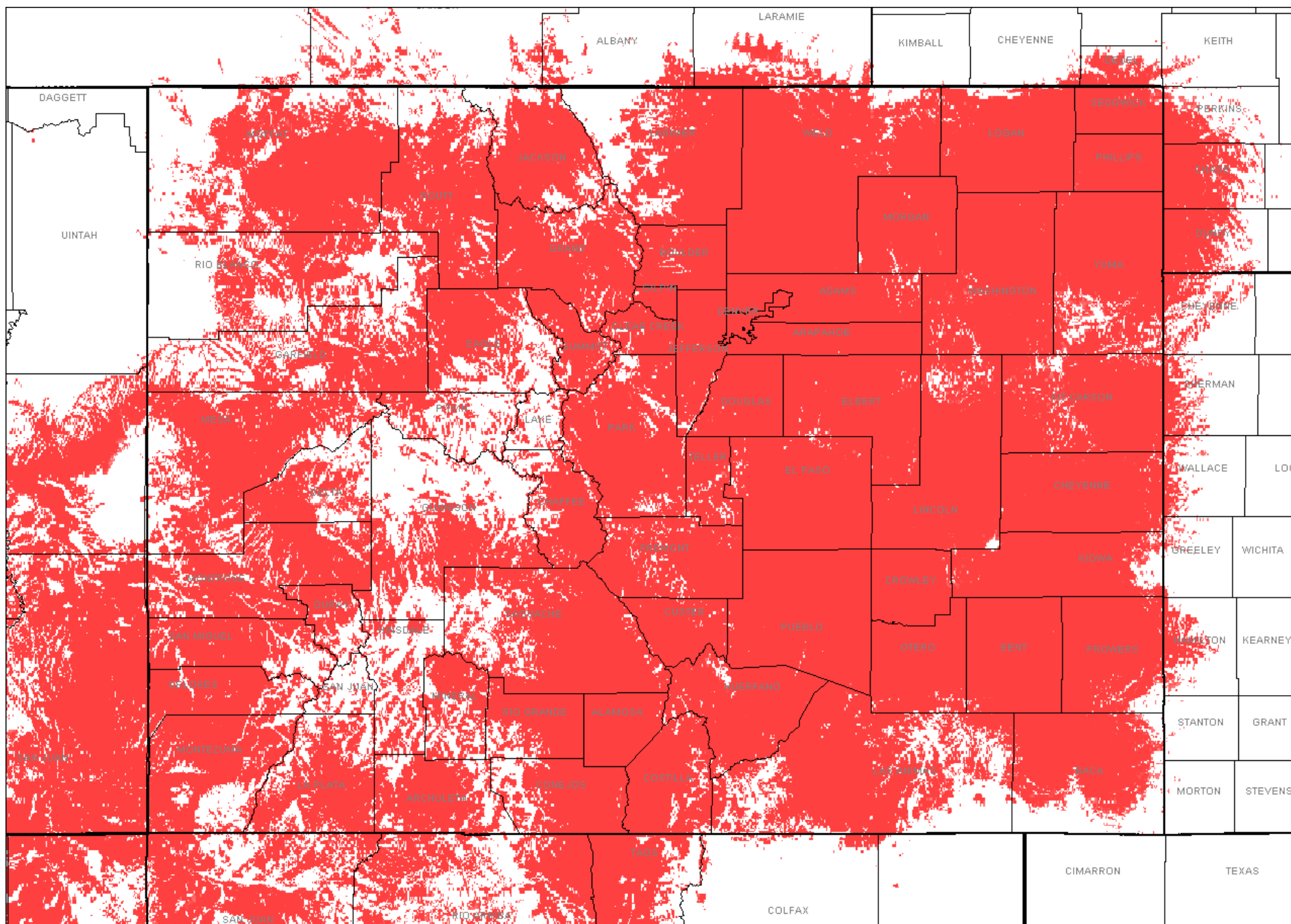
Phase I of the project was completed in 1999 with partnerships developed between the State of Colorado, Douglas and Jefferson Counties. This method of partnering with local government has served as the model for current and future phases. The construction of up to 200 communication sites strategically located throughout the State are planned that will ensure reliable communications to all participating agencies. As of today there is seamless DTR wireless coverage from New Mexico North to Wyoming and East to Kansas along the entire Eastern slope of Colorado and partial coverage on the Western Slope. Infrastructure consists of 93 DTR radio sites operating on two Zone Controllers, with a third Zone under construction. Today there are over 180 agencies and approximately 18,100 wireless customers using DTR. These customers are a combination of State, Federal and local government agencies.

The table below shows the current and future status of the project and the counties associated with each phase. For more detailed information please visit our Website at <http://www.colorado.gov/dtr>.

Project Year	Project Phase	Counties	Status
FY98-99	Phase I	Arapahoe, Denver, Douglas and Jefferson	Complete
FY99-00	Phase II	Adams, Broomfield, Boulder, Clear Creek and Gilpin	Complete
FY00-01	Phase III	Elbert, Weld, Morgan, Larimer, Phillips, Sedgwick, Yuma, Washington, Kit Carson, Cheyenne, Lincoln and Logan	Complete
FY01-02	Phase IV	El Paso, Pueblo, Fremont, Teller, Custer, Otero, Las Animas, Huerfano, Baca, Prowers, Bent, Kiowa, Crowley, Park and Chaffee	Complete
	Phase V	Mesa, Garfield, Rio Blanco, Routt, Moffat, Grand, Jackson, Pitkin, Lake, Eagle and Summit	Some build-out
	Phase VI	Archuleta, San Juan, Hinsdale, Montrose, Gunnison, Ouray, La Plata, San Miguel, Dolores, Montezuma and Delta.	Some build-out
FY04-05	Phase VII	Costilla, Conejos, Saguache, Alamosa, Rio Grande, Mineral,	Infrastructure build out complete. Radio installation started.



**Colorado State Digital Trunked Radio Implementation Schedule**



## Colorado State Digital Trunked Radio Mobile Coverage